RUDOY, M.L.

BRAVICHEV, V.A., kandidat tekhnicheskikh nauk, dotsent; BRODOVICH, N.V., kandidat tekhnicheskikh nauk; VLASOV, V.I., kandidat tekhnicheskikh nauk, retsenzent, redaktor; YEGORNOV, A.N., professor, retsenzent, redaktor; ZOBNIN, N.P., doktor tekhnicheskikh nauk, professor,; IVANNIKOV, D.G., kandidat tekhnicheskikh nauk, dotsent; KIRKIN, V.G., doktor tekhnicheskikh nauk,professor; KOTOV, O.K. kandidat tekhnicheskikh nauk; MARIYENBAKH, L.M., doktor tekhnicheskikh nauk, professor; MASHONIN, P.A., inzhener, RUBINSHTEYN, S.A., inzhener, RUDOY, M.L. inzhener, YUDIN , D.L., kandidat tekhnicheskikh nauk, dotsent, redaktor; PETROV, N.I., inzhener, retsenzent; SIDOROV, S.I., inzhener, retsenzent; SOKOLOV, I.G., kandidat tekhnicheskikh nauk, retsenzent; BERESTOVA, Ye.I., inzhener, retsenzent; DOROKHIN, P.N., kandidat tekhnicheskikh nauk, retsenzent; RUSTEM, S.L., kandidat tekhnicheskikh nauk, dotsent, redaktor; LARIN, M.N., laureat Stalinskoy premii, professor, doktor tekhnicheskikh nauk, retsenzent; SOKOLOV, A.V., inzhener, retsenzent; GRUDOV, P.P., laureat Stalinskoy premii, dotsent kandidat tekhnicheskikh nauk, retsenzent;DONNER, L.L., inzhener, retsenzent; ZOBNIN, professor, doktor tekhnicheskikh nauk, retsenzent; BELAVENTSEV, N.V., inzhener, retsenzent; SYCHEV, B.P., dotsent, retsenzent; SHKOL'NIK, L.M., kandidat tekhnicheskikh nauk, retsenzent; LOBANOV, D.V., kandidat tekhnicheskikh nauk,dotsent, retsenzent, redaktor; MASHONIN, P.A., inzhener, retsenzent, redaktor; OBUKHOV, A.V., inzhener, redaktor; BELETSKIY, D.G., kandidat tekhnicheskikh nauk, dotsent, redaktor; ODING, I.A., redaktor; LEVITSKIY, kandidat tekhnicheskikh nauk, dotsent, redaktor; YUDSON, D.M., tekhnicheskiy redaktor

(Continued on next card)

BRAVICHEV, V.A. kandidat tekhnicheskikh nauk, dotsent; & others (Card 2)

[Railroad man's technical manual] Tekhnicheskii spravochnik zheleznodorozhnika. Red.kollegiia; V.I. Vlasov. A.N.Egornov, N.P. Zobnin, E.F Rudoi (Glav.red.) A.V.Sokolov. Moskva, Gos.transportnoe zhel-dor.izd-vo. Vol. 12 [Processing metals at railroad transport enterprises] Obrabotka metallov na predrpiiatiiakh zheleznodorozhnogo transporta. Otvet.red. N.P.Zobnin. 1954. 671 p.(MLRA 8:11)

1. Chlen-korrespondent, AN SSSR (for Oding)
(Mechanical engineering)

RUDOY, M.L.

ALFEROV, A.A.; ARTEMKIN, A.A.; ASHKENAZI, Ye.A.; VINOGRADOV, G.P.; GALEYEV, A.U.; GRIGOR'YEV, A.N.; D'YACHENKO, P.Ye.; ZALIT, N.N.; ZAKHAROV, P.M.; ZOBNIN, N.P.; IVANOV, I.I.; IL'IN, I.P.; KMETIK, P.I.; KUDRYASHOV, A.T.; LAPSHIN, F.A.; MOLYARCHUK, V.S.; PERTSOVSKIY, L.M.; POGODIN, A.M.; RUDOY, M.L.; SAVIN, K.D.; SIMONOV, K.S.; SITKOVSKIY, I.P.; SITNIK, M.D.; TETEREV, B.K.; TSETYRKIN, I.Ye.; TSUKANOV, P.P.; SHADIKYAN, V.S.; ADELUNG, N.N., retsenzent; AFANAS'YEV, Ye.V, retsenzent; VLASOV, V.I., retsenzent; VOROB'YEV, I.Ye., retsenzent; VORONOV, N.M., retsenzent; GRITCHENKO, V.A., retsenzent; ZHEREBIN, M.N., retsenzent; IVLIYEV, I.V., retsenzent; KAPORTSEV, N.V., retsenzent; KOCHUROV, P.M., retsenzent; KRIVORUCHKO, N.Z., retsenzent; KUCHKO, A.P., retsenzent; LOBANOV, V.V., retsenzent; MOROZOV, A.S., retsenzent; ORLOV, S.P., retsenzent; PAVLUSHKOV, E.D., retsenzent; POPOV, A.N., retsenzent; PROKOF'YEV, P.F., retsenzent; RAKOV, V.A., retsenzent; SINEGUBOV, N.I., retsenzent; TERENIN, D.F., retsenzent; TIKHOMIROV, I.G., retsenzent; URBAN, I.V., retsenzent; FIALKOVSKIY, I.A., retsenzent; CHEPYZHEV, B.F., retsenzent; SHEBYAKIN, O.S., retsenzent, SHCHERBAKOV, P.D., retsenzent; GARNYK, V.A., redaktor; LOMAGIN, N.A, redaktor; MORDVINKIN, N.A., redaktor; NAUMOV, A.N., redaktor; POBEDIN, V.F., redaktor; RYAZANTSEV, B.S., redaktor; TVERSKOY, K.N., redaktor; CHEREVATYY, N.S., redaktor; ARSHINOV, I.M., redaktor; BABELYAN, V.B., redaktor; BERNGARD, K.A., redaktor; VERSHINSKIY, S.V., redaktor; GAMBURG, Ye.Yu., redaktor; DERIBAS, A.T., redaktor; DOMBROVSKIY, K.I., redaktor; KORNEYEV, A.I., redaktor; MIKHEYEV, A.P., redaktor

(Continued on next card)

ALFEROV, A.A. ---- (continued) Card 2.
MOSKVIN, G.N., redaktor; RUBINSHTEYN, S.A., redaktor; TSYPIN, G.S., redaktor; CHERNYAVSKIY, V.Ya., redaktor; CHERNYSHEV, V.I., redaktor; CHERNYSHEV, M.A., redaktor; SHADUR, L.A., redaktor; SHISHKIN, K.A., redaktor

[Railroad handbook] Spravochnaia knizhka zheleznodorozhnika. Izd. 3-e, ispr. i dop. Pod obshchei red. V.A.Garnyka. Moskva, Gos. transp.zhel-dor. izd-vo, 1956. 1103 p. (MLRA 9:10)

1. Nauchno-tekhnicheskoye obshchestvo zheleznodorozhnogo transporta. (Railroads)

RUDOY, M.S. (Moskva)

Effect of diathermy of the head on carbohydrate metabolism. Vop. kur., fizioter.i lech.fiz.kul't. 27 no.3:218-221 My-Je '62. (MIRA 15:9)

(DIATHERMY) (CARBOHYDRATE METABOLISM)

RUDOY, M.S.

The excretory function of the stomach in different diseases. M. S. Rudoi and B. E. Giler. *Klin. Med.* (U.S.S.R.) 32, No. 5, 83(1954).—The patients (gastric ulcer, gastritis, parenchymatous hepatitis, involvement of intestinal tract and bile ducts, gastric neurosis) were given intravenous injections of neutral red (2 cc. of 1% soln.). The patients with gastric ulcer, hyperacid gastritis, and neuroses were the first to excrete the dye, those with subacid gastritis and parenchymatous hepatitis showed a delayed excretion which was even more marked in anacid gastritis. Absence of excretion was found mostly in parenchymatous hepatitis. Lack of free acidity is not the cause of delayed excretion as seen by comparing the excretion curves in cases of anacid gastritis and parenchymatous hepatitis with those in cases of increased acidity or of normal subjects. A. Mirkin

①

RABINOVICH, N.M.; RUDOY, M.S.; CHERNYSHEV, L.D. (Moskva)

Experience with the organization of out-of-town hospitals for aftercare. Sov. zdrav. 19 no.9:15-18 '60. (MIRA 13:11)
(MOSCOW--HOSPITALS, CONVALESCENT)

RUDOY, M.S., kand. med. nauk

[redacted] Homeopathy. Nauka i zhizn' 25 no. 6:25-27 Je '58. (MIRA 11:8)
(Homeopathy)

RUDOY, N., starshiy inzh.

Shore stabilization with dike dams. Mor.flot 21 no.3:32-34 Mr '61. (MIRA 14:6)

1. Kavgiprotrans. (Shore protection)

RUDOY, N.M., kand.med.nauk; RACHINSKIY, S.V.

Drug resistance of mycobacterium tuberculosis in young children. Probl. tub. 41 no.8:41-45 '63. (MIRA 17:9)

1. Iz dispansernogo sektora (zav. - prof. M.I.Oyfebakh) TSentral'nogo instituta tuberkuleza (dir. - deystvitel'nyy chlen AMN SSSR prof. N.A.Shmelev) Ministerstva zdravookhraneniya SSSR i tuberkuleznogo otdeleniya (zav. - prof. I.V.TSimbler) Instituta pediatrii (dir. - dotsent M.Ya. Studenikin) AMN SSSR.

RUDOY, N.M.

Present status of the problem of blood serum proteins in clinical aspects of tuberculosis; electrophoretic analysis. Sovr. probl.tub. 6 no.5:3-8 '55. (MLRA 8:10)
(CATAPHORESIS) (BLOOD PROTEINS) (TUBERCULOSIS)

RUDOY, N.M.

Apparatus, for the quantitative determination of serum proteins separated by paper electrophoresis. Lab.delo no.6:9-11 N-D '55. (MIRA 12:6)

1. Iz laboratorii patofiziologii (zav. - prof. G.Ye.Platonov) Instituta tuberkuleza AMN SSSR.
(BLOOD PROTEINS, determination,
electrophoresis, appar.)
(ELECTROPHORESIS,
of blood proteins, appar.)

Name : RUDOY, N. M.

Dissertation : Changes in blood protein composition in certain forms of pulmonary tuberculosis, according to date obtained by paper electrophoresis

Degree : Cand Med Sci

Defended At : Acad Med Sci USSR

Publication Date, Place : 1956, Moscow

Source : Knizhnaya Letopis' No 5, 1957

USSR/Human and Animal Physiology (Normal and Pathological). T-4
Blood. Blood Chemistry.

Abs Jour : Ref Zhur - Biol., No 11, 1958, 50653

Author : Rudoy, N.M.
Inst : Institute of Tuberculosis, Academy of Medical Sciences USSR.

Title : Changes of the Protein Composition in the Blood Sera of Patients with Certain Forms of Pulmonary Tuberculosis.

Orig Pub : Tr. In-ta tuberkuleza. Acad. med. nauk SSSR, 1957, 9, 408-414.

Abstract : No abstract.

Card 1/1

RUDOY, N.M.

Blood protein fraction changes as indicators of inflammatory processes [with summary in English]. Biul. eksp.biol. i med. 43 no.3:53-59 Mr '57. (MIRA 10:7)

1. Iz laboratorii patologicheskoy fiziologii (zav. - prof. G.Ye. Platonov) Instituta tuberkuleza AMN SSSR (dir. Z.A.Lebedeva), Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR prof. S.Ye.Severinym.

(TUBERCULOSIS, blood in
proteins, determ. (Rus))

RUDOY N. M.

USSR / Microbiology. Microbes Pathogenic for Man and Animals. Bacteria. Mycobacteria. Mycobacterium Tuberculosis.

F

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 24126

Author : Rudoy, N. M.
Inst : Not given
Title : Clinic of Tuberculosis in Adults. Clinical and Epidemiological Significance of the Stability of Mycobacteria Tuberculosis to Isoniazid (According to Materials in the Foreign Periodical Literature)

Orig Pub : Sovrem. probl. tuberkuleza, Sb. perev., obz. i ref. in- period. lit., 1958, No 4, 20-26

Abstract : No abstract given

Card 1/1

ATTAROVA, I.N., kand.med.nauk, RUDOY, N.M., kand.med.nauk.

Clinical course of tuberculosis as related to drug-resistance in Mycobacterium tuberculosis and its catalase activity [with summary in French]. Probl. tub. 36 no.4:26-30 '58 (MIRA 11:7)

1. Iz dispansernogo sektora (zav. - prof. M.I. Oyfebakh) Instituta tuberkuleza AMN SSSR (dir. Z.A. Lebedeva).
(TUBERCULOSIS, PULMONARY, microbiol.
drug ther., resist. & catalase activity of M. tuberc. (Rus))
(CATALASE,
in M. tuberc. resist. to drug ther. (Rus))
(MYCOBACTERIUM TUBERCULOSIS, metabolism,
catalase, in drug-resist. strains (Rus))

RACHINSKIY, S.V., kand.med.nauk; RUDOY, N.M., kand.med.nauk; KRONSHTADSKAYA-KAREVA, B.K.

Discovery of Koch's bacillus in the gastric lavage waters from young children with tuberculosis. Probl.tub. 36 no.7:75-79 '58. (MIRA 12:8)

1. Iz tuberkuleznogo otdeleniya (zav. - prof.I.V.TSimbler) Instituta pediatrii AMN SSSR (dir. - chlen-korrespondent AMN SSSR prof.O.D.Sokolova-Ponomareva) i dispansernogo otdeleniya (zav. - prof.M.I.Oyfebakh) Instituta tuberkuleza AMN SSSR (dir. Z.A.Lebedeva).

(TUBERCULOSIS)

RUDOY, N.M., kand.med.nauk

Epidemiological significance of the drug resistance of Mycobacterium tuberculosis. Probl. tub. no.2:3-9 '65.
(MIRA 18:12)

1. Dispansernyy sektor (zav. - prof. M.I.Oyfebakh) TSentral'nogo instituta tuberkuleza (direktor - deystvitel'nyy chlen AMN SSSR prof. N.A.Shmelev) Ministerstva zdravookhraneniya SSSR, Moskva.

RUDOY, N. M., kand. med. nauk

Importance of determining the bacteriostatically active concentration of phtivazide in the blood for chemotherapy of tuberculosis. Probl. tub. no.3:78-86 '62. (MIRA 15:4)

1. Iz dispansernogo sektora (zav. - prof. M. I. Oyfebakh) Instituta tuberkuleza AMN SSSR (dir. - chlen-korrespondent AMN SSSR prof. N. A. Shmelev)

(PHTHIVAZIDE) (TUBERCULOSIS)

RUDOY, N.M.

Disorders of protein and carbohydrate metabolism in pulmonary tuberculosis as an index of exacerbation and subsidence of the disease. Probl.tub. 38 no.4:70-77 '60. (MIRA 14:5)
(TUBERCULOSIS) (BLOOD SUGAR) (BLOOD PROTEINS)

KOCHO, V.S., doktor tekhn. nauk, prof.; RUDOY, P.S., inzh.; MERSHCHIY,
N.P., inzh.; VINOGRADOV, N.M., inzh.; BLASHCHUK, N.M., inzh.

Continuous temperature control of an open-hearth bath during oxygen blowing. Stal' 24 no.8:698-700 Ag '64.
(MIRA 17:9)

1. Kiyevskiy politekhnicheskiy institut i Makeyevskiy metallurgicheskiy zavod.

RuDOY, P Ye

RUDOY, P.Ye.

Technological progress and certain problems in the raising of the cultural and technical standard of workers. Visnyk AN URSR 28 no.8:17-26 Ag '57. (MIRA 11:1)

(Ukraine--Technical education)

PHASE I BOOK EXPLOITATION SOV/4212

Rudoy, Petr Yevdokymovych, Candidate of Economics

Radyans'ka Ukrayina - vysokorozvynuta industrial'na derzhava (Soviet Ukraine - A Highly Developed Industrial Power). Kiyiv, 1959. 55 p. (Series: Tovarystvo dlya poshyrennya politychnykh i naukovykh znan' URSR. Seriya 2, no. 12) 18,100 copies printed. Errata slip inserted.

Chief Ed.: O.I. Shkuratov, Candidate of Economics.

PURPOSE: This booklet is intended for the general reader.

COVERAGE: The booklet presents an account of the status and development of the national economy and industry of the Ukrainian SSR, before and after the Communist Revolution. The post-revolutionary period is emphasized. Probable future trends are briefly mentioned. Co-operation with the Peoples Republics is repeatedly advocated. No personalities are mentioned. There are two Soviet references.

Card 1/2

SEREDENKO, M.M.; GLAMAZDA, A.D.; KHOTIMCHENKO, M.M.; SHEVCHENKO, Ya.O.;
RUDOY, P.Yu.; KHARCHENKO, P.F.; KHRAMOV, O.O.; GURIKOVA, V.O.;
GORELIK, L.Ye.; RIZHKOV, I.I.; ZHEREBKIN, G.P.; MIKOLAYEVA, I.V.;
KOROBKO, V., redaktor; LAPCHENKO, K., tekhnichniy redaktor

[Industry of the Soviet Ukraine during 40 years, 1917-1957]
Promyslovist' Radians'koi Ukrainy za 40 kokiv (1917-1957). Kyiv,
Derzh.vyd-vo polit.lit-ry URSR, 1957. 330 p. (MIRA 10:10)

1. Akademiya nauk URSR, Kiyev. Institut ekonomiki.
(Ukraine--Industries)

RUDOY, R.A.; FRUKHSHTEYN, R.I.

Use of fabrics at the Smirnova-Lastochkina Factory. Leg.prom. 17
no.8:46-48 Ag '57. (MIRA 10:10)

1.Glavnyy inzhener Kiyevskoy [tekstil'noy] fabriki im. Smirnova-Lastochkina (for Rudoy). 2.Nachal'nik otdela truda i zarabotnoy platy Kiyevskoy [tekstil'noy] fabriki im. Smirnova-Lastochkina (for Frukhshteyn).
(Kiev--Clothing industry)
(Garment cutting)

RUDOY, R.A.

Utilization of new techniques and equipment. Shvein.prom. no.2: 36-37 Mr-Ap '61. (MIRA 14:4)

1. Kiyevskaya shveynaya fabrika imeni Smirnova-Lastochkina.
(Clothing industry--Equipment and supplies)

TURGEL', Ye.O.; RYSKIN, M.I.; SHMULYAKOVSKIY, Ya.E.; RUDOY, S.A.

Analytical control of the process of disproportionation of rosin. Gidroliz. i lesokhim.prom. 16 no.1:19-21 '63. (MIRA 16:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimicheskikh protsessov.

(Oleoresins)

TURGEL', Ye.O.; SHMULYAKOVSKIY, Ya.E.; RUDOY, S.A.

Composition of the fractional distillation products of gum rosin. Gidroliz. i lesokhim. prom. 16 no.5:14-17 '63. (MIRA 17:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimicheskikh protsessov.

LAZAREV, V.F.; OVCHARENKO, V.I.; LEVIN, A.I.; RUDOY, V.M.

Effect of surface-active substances on the process of passivation of a lead electrode. Zhur.prikl.khim. 38 no.6:1305-1309 Je '65. (MIRA 18:10)

1. Ural'skiy politekhnicheskiy institut imeni S.M.Kirova.

ACC NR: AP6035853 SOURCE CODE: UR/0413/66/000/020/0059/0059

INVENTOR: Rudoy, V. M.

ORG: none

TITLE: A converter of pulse-amplitude modulated signals into pulse-time modulated signals with an intermediate conversion into pulse-width modulated signals. Class 21, No. 187095

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 20, 1966, 59

TOPIC TAGS: pulse amplitude modulation, pulse width modulation, electronic circuit, signal modulation, pulse signal, transistor

ABSTRACT: An Author Certificate has been issued for a converter of pulse-amplitude-modulated signals into pulse-time-modulated signals with an intermediate conversion into pulse-width-modulated signals. A transistor (see Fig. 1) is used as an intermediate converter that linearizes the time deviation dependence of the output pulses. The transistor base is connected to a source of amplitude-modulated pulses through a coupling capacitor, and to a power source through resistors. Orig art has: 1 figure

Card 1/2

ACC NR: AP6035853

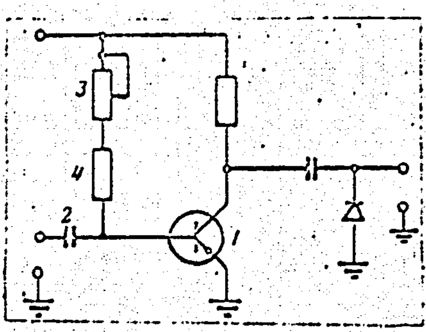

Fig. 1. Intermedial converter circuit

1 - Transistor; 2 - capacitor; 3,4 - resistors.

SUB CODE: 09/ SUBM DATE: 24Feb61

Card 2/2

RUDOY, V.M.; LEVIN, A.I.; CHVAZHENINA, L.M.

Determining the inhibiting effect of sodium oleate on the corrosion of copper powders by the method of polarization curves. Zashch.met. 1 no.6:719-720 N-D '65. (MIRA 19:1)

1. Ural'skiy politekhnicheskiy institut imeni S.M.Kirova.

RUDOY, V.S., kand. tekhn. nauk; MLINARICH, B.A., inzh.; BOGDANOVA, T.M., inzh.

Possibility of rolling pipe of chromium-nickel-manganese steel.
Proizv. trub no.12:10-14 '64. (MIRA 17:11)

L 23845-65 EWT(m)/EWA(d)/EWP(t)/EWP(k)/EWP(b) Pf-4 MJW/JD/HW
ACCESSION NR: AR5000588 S/0137/64/000/008/D039/D039

SOURCE: Ref. zh. Metallurgiya. Sv. t., Abs. 8D229

B

AUTHOR: Rudoy, V. S.; Mlinarich, B. A.; Bogdanova, T. M.

TITLE: The possibility of rolling pipes 18 of chromium-nickel-manganese steel

CITED SOURCE: Sb. Proiz-vo trub, vy*p. 12. M., Metallurgiya, 1964, 10-14

TOPIC TAGS: chromium-nickel-manganese steel 18, pipe, hot rolling, broaching/ steel EP278 18, steel EI835 18

TRANSLATION: An investigation was made of the special industrial characteristics of hot working of two chromium-nickel-manganese steels containing nitrogen and boron - steels 18 EP278 and EI835, both of which differ basically in their silicon and manganese content. Test rolling of billets with square and circular cross sections on a mill with barrel rollers made it possible to construct a power diagram for each case of rolling. Results of hot torsion tests were

Card 1/2 * [Broaching probably means "piercing"]

L 23845-65

ACCESSION NR: AR5000588

confirmed in testing steel EP278 for broachability* by rolling tapered samples on a laboratory roller broaching* mill. Broaching* on a 140 automatic roller broaching mill showed that heating of billets made of steel EP278 reaches 130-140° with a reduction in drawing of 1.75-2.00. It was established by the investigation that the mechanical properties of steels EP278 and EI835 at room temperature are characterized by a combination of high values for indices of strength, ductility, and impact resistance. Both steels are characterized by a lowering of the yield point with an increase in hot working temperature accompanied by a relatively small change in tensile strength. The low ductility of steel EP278 in the hot state does not permit it to be used for rolling pipes of satisfactory quality on a 140 automatic installation. To produce pipes of this steel other hot working processes must be applied which assure a more favorable system of the state of stress in low ductility metal: pressing, rolling on a pilger mill, etc. The somewhat better industrial properties of steel EI835 provide a basis for considering that pipes can be made from it on a 140 automatic installation. K. Ursova.

SUB CODE: MM ENCL: 00

Card 2/2

RUDOY, V. S.

"Deformation of Metal in Rolling Tubes in a Pilger Mill." Cand Tech Sci, All-Union Sci Res Tube Inst, Dnepropetrovsk, 1954. (RZhMekh, Mar 55)

SO: Sum. No. 670, 29 Sep 55--Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

137-58-4-7203

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 4, p 126 (USSR)

AUTHORS: Rudoy, V.S., Shevchenko, A.A., Pishchikov, G.P., Belokurov, S.I., Stupel', S.I., Patlan', Ye.F., Chernyavskiy, A.A., Kholyavko, Z.I.

TITLE: Effect of External Defects in Steel Ingots on the Quality of Tubes Rolled on Pilger Mills (Vliyaniye naruzhnykh porokov stal'nykh slitkov na kachestvo trub, prokatyvayemykh na piligrimovykh ustanovkakh)

PERIODICAL: Byul. nauchno-tekhn. inform. Vses. n.-i. trubnyy in-t, 1957, Nr 3, pp 26-34

ABSTRACT: An investigation was made of ingots (I) of Nr 4 steel, 230 and 305 mm in diameter, exhibiting surface defects such as longitudinal cracks, twist, banding, and nonmetallic superficial inclusions. It was found that the rolling of I with cracks still present leads to the formation of scab on barrels (B) and tubes (T). Twists on I lead to the formation of through cracks or deep scab on B. The rolling of I having longitudinal cracks leads to the formation of shallow scabbing on B and T. The presence of banding results in the formation of fine transverse scab which burns out and be-

Card 1/2

137-58-4-7203

Effect of External Defects in Steel Ingots (cont.)

comes scale due to the insignificance of its dimensions. Accumulations of nonmetallic inclusions at the surface of the I leads to the formation of fine scab on the B and T. Flame repair of I having cracks up to 45 mm deep makes for production of up to 90 percent first class T, and rolling of I with banding to a depth of not over 30 mm yielded up to 95 percent first class T without repair. Rolling of banded I without repair and of I with cracks removed by the flame method makes it possible to save a considerable amount of metal that had previously been remelted.

I. M.

1. Steel--Processing--Effects of impurities 2. Steel tubing--Production 3. Steel tubing--Defects 4. Steel barrels--Production 5. Steel barrels --Defects

Card 2/2

SOV/133-59-1-15/23

AUTHORS: ~~Rudoy, V.S.,~~ Alferova, N.S., Konovalov, V.P., Nesterova, N.N., Korobochkin, I.Yu, Kirvalidze, N.S., Dergach, A.Ya. and Yakimenko, N.S.

TITLE: The Technology of Production of Seamless Tubes from High-alloy Steels Alloyed with Boron (Tekhnologiya proizvodstva besshovnykh trub iz vysokolegirovannykh staley s borom)

PERIODICAL: Stal', 1959, Nr 1, pp 68 - 73 (USSR)

ABSTRACT: Efforts made in 1956 to produce seamless tubes from high-alloy steels containing boron EI769 and EI770 gave negative results but in 1957 after some changes in the technology of smelting the metal, satisfactory results were obtained although there were no substantial changes in the chemical composition of the metal (%, numerator - data for 1957, denominator - for 1956):

	C	Si	Mn	Cr	Ni	W	Ti	B
EI769(Kh13N16TR)	0.08	0.55	1.65	13.7	15.7	-	0.81	0.009
	0.07	0.64	1.73	13.7	14.9	-	0.90	0.0037
EI770(Kh13N18V2TR)	0.08	0.51	1.58	13.2	19.7	2.34	0.81	0.0023
	0.08	0.56	1.90	14.2	19.4	2.10	0.69	0.0026

Card1/5

SOV/133-59-1-15/23

The Technology of Production of Seamless Tubes from High-alloy Steels Alloyed with Boron

The main characteristics of the technology of smelting metal in 1956 and 1957 differed as follows: a) in 1956, smelting was carried out in a 20-ton arc furnace from a charge containing 40-47% of stainless scrap (the remaining-soft iron and fresh ferroalloys); oxygen was used during melting and oxidising period (500 - 700 m^3 per heat); slag and metal were deoxidised before the addition of ferrochromium and with the addition of ferrotitanium onto the metal freed from slag 15-20 min before tapping; b) in 1957 smelting was carried out in a 4.5-ton arc furnace from a fresh charge containing from 55 to 78% armco iron and corresponding ferroalloys without utilisation of scrap and oxygen; refining under a white slag with the addition of ferrotitanium after the removal of slag 8-10 min before tapping. In both cases the metal was cast in 500-kg ingots. The quality of tube billets 85 mm in diameter in 1957 was higher than in 1956. The microstructure of metal in both cases consisted of austenite with fine intermetallic inclusions, stretched in the form of lines along the direction of rolling. Piercing ability of the steels was tested on conical specimens (Ref 3). The determination of

Card2/5

SOV/133-59-1-15/23

The Technology of Production of Seamless Tubes from High-alloy Steels Alloyed with Boron

plasticity and structure of steels was carried out within a temperature range 950 - 1 300 °C. Both steels were found to possess a comparatively high plasticity in the temperature range 975 - 1 075 °C (Figures 1 and 2), higher than for steel 1Kh18N9T. However, the plasticity of the latter steel increases with increasing temperature while for EI769 and 770 it sharply decreases. In hot torsion tests (Figures 3 and 4) the differences in the plasticity of the experimental steels was more pronounced. The resistance to deformation of both steels is similar (Figure 4) but at all temperatures is higher than for 1Kh18N9T steel. In hot torsion tests the loss of plasticity of the experimental steels was less pronounced than in piercing tests. In the first case, loss of plasticity was observed at 1 300 °C and in the second case at 1 250 °C. On the basis of the above investigation the following piercing practice for the industrial conditions was proposed: the temperature of billets before the mill 960-980 °C, piercing temperature 1 100 - 1 120 °C, in addition piercing at 1 140 - 1 150° and 1 180 - 1 200 °C was tested. Hot rolling of tubes

Card3/5

SOV/133-59-1-15/23

The Technology of Production of Seamless Tubes from High-alloy Steels Alloyed with Boron

under industrial conditions is described in some detail. The results obtained are given in Table 1. The inspection of tubes after pickling indicated that for steel EI769 the proposed piercing practice (temperature 1 100 - 1 120 °C) gave the best results. A large-scale rolling of tubes from this steel yielded 90% of good-quality products. Rolling of tubes from steel EI770 was tried at four different temperature ranges (temperature before piercing: 920-980; 980-1 000; 1 020-1 040 and 1 040-1 050 °C - Table 2). Optimum results were obtained at a temperature before piercing of 950 °C. 95% of good-quality tubes was obtained. Mechanical properties of hot-rolled tubes before and after hardening are given in Table 3. Hardening of tubes was carried out from 1 100 °C. The dependence of the consumption of energy, power and heating-up of the metal during piercing on the temperature of the metal before piercing is shown in Figure 6. It is concluded that: 1) boron-containing steels of austenitic class EI769 and EI770 possess a lowered temperature at the beginning of incipient melting of grain boundaries; their optimum plasticity is shifted towards lower temperatures; they

Card4/5

SOV/133-59-1-15/23

The Technology of Production of Seamless Tubes from High-alloy Steels Alloyed with Boron

possess high resistance to deformation and heat up intensively during piercing. The resistance to deformation of these steels is higher than of 1Kh18N9T steel which makes their piercing more difficult, particularly that with increasing temperature their plasticity decreases (unlike 1Kh18N9T steel). The developed methods of rolling these steels give quality hot-rolled tubes from EI769 steel without repairs and from EI770 steel with repairs which are usually permitted for high-alloy tubes, providing the metal is produced from fresh charges by the improved (1957) technology. The results of measurements of power consumption and heating up can be utilised for an approximate evaluation of these parameters during piercing of other austenitic steels. There are 6 figures, 3 tables and 6 Soviet references.

Card5/5

RUDOY, V.S.

⑩

PHASE I BOOK EXPLOITATION SOV/3611

Dnepropetrovsk. Metallurgicheskiy institut

Obrabotka metallov davleniyem (Metal Forming) Khar'kov, Metallurgizdat, 1960. 326 p. (Series: Its: Nauchnyye trudy, vyp. 39) 2,100 copies printed.

Ed.: A.P. Chekmarev; Ed. of Publishing House: R.A. Belina; Tech. Ed.: S.P. Andreyev.

PURPOSE: This collection of articles is intended for technical and scientific personnel in metallurgy and in mechanical engineering. It will also be of interest to designers of rolling equipment.

COVERAGE: This collection of articles treats the theory of rolling. It discusses such factors as the total and the unit pressures of the work on rolls, moments of rolling, forward slip, spread, etc. It also includes results obtained from investigation of rail quality, rolling of cast iron sheets, and other problems. No personalities are mentioned. References follow each article.

Chekmarev, A.P. [Academician of the UkrSSR], L.Ye. Kapturov, and P.L. Klimenko [Engineers]. Experimental Investigation of Distribution of Unit Pressures on a Contact Surface in Rolling in Plain Rolls 5

The investigation was carried out to develop a reliable method of measuring unit pressure on the contact surface, and to obtain, by measurement, data on distribution of unit pressure during rolling with various drafts of strips having various initial thicknesses and widths.

Chekmarev, A.P., and P.L. Klimenko. Experimental Investigation of Distribution of Unit Pressures on the Contact Surface During Rolling in Grooved Rolls 30

Chekmarev, A.P., and Rudoy, V.S. [Candidate of Technical Sciences, Institut chernoy metallurgii AN UkrSSR and Vsesoyuznyy nauchno-issledovatel'skiy trubnyy institut — Institute of Ferrous Metallurgy of the Academy of Sciences of the Ukrainian SSR, and the All-Union Scientific-Research Institute for Piping]. The Contact Surface, and Pressure on Rolls in Pilger [Rockrite] Rolling 53

The authors present new methods for measuring pressure on rolls in a Pilger mill, for rolling pipes with 219, 273 and 225 mm diameters, and for determining the instant area of contact.

Vatkin, Ya.L. [Candidate of Technical Sciences]. Pressure on Rolls in Rotary Rolling of Tubes on a Short Mandrel 73

The author compares experimental data on the total and unit pressures with the results obtained through using formulas the author derived.

Chekmarev, A.P., V.M. Klimenko, V.I. Meleshko, M.M. Saf'yan, V.D. Chekhranov, and S.N. Rabinovich [Engineer]. Pressure on Rolls in Slabbing Mill 93

The authors describe the methods, instruments, and results of an investigation carried out at the "Zaporozhstal'" mill on horizontal and vertical rolls at slab rolling.

✓

Saf'yan, M.M. [Candidate of Technical Sciences]. Experimental Investigation on the Lever-Arm of Moments in Cold Rolling 104

The author describes investigation on the above subject, and gives the total pressure on rolls in cold rolling of steel sheets 1, 2, 3, and 4 mm thick at various drafts.

Chekmarev, A.P., and N.M. San'ko [Candidate of Technical Sciences]. Forward Slip in Shape Rolling 127

The author describes methods of designing shaped rolls in respect to forward slip; the method is based on experiments with right-angular, square, rhombic, oval, and circular grooves.

Mat'yev, M.S. [Candidate of Technical Sciences]. Derivation of a Formula for Spread of Rolling on Plain Rolls 152

The author presents a method of calculation of spread in rolling. It is based on theoretical determination of stresses in the contact area in transverse and longitudinal directions.

L 20784-66 EWP(k)/EWT(m)/T/EWA(d)/EWP(w)/EWP(t) JD/HW

ACC NR: AP6004647 SOURCE CODE: UR/0383/65/000/005/0047/0049

41
39
13

AUTHOR: Rudoy, V. S.; Chekmarev, I. A.; Serbin, I. V.; Sukonnik, I. M.

ORG: none

TITLE: Production of tubes of EI847 highly heat-resistant complex-alloyed steel

SOURCE: Metallurgicheskaya i gornorudnaya promyshlennost', no. 5, 1965, 47-49

TOPIC TAGS: metal tube, alloy steel, heat resistant steel, electroslag melting/EI847 highly heat-resistant complex-alloyed steel

ABSTRACT: EI847 (Kh16N15M3B) austenitic Cr-Ni-Mo steel, while highly heat-resistant, displays comparatively low plastic properties. In this connection, the authors tested different techniques of producing melts of this steel, with the object of uncovering a technique assuring an improved plasticity of the steel so as to make it more suitable for use in the fabrication of high-temperature tubes. Metallographic examination, chemical analysis, and investigations of plasticity in the presence of elevated temperatures as well as the hot rolling of experimental and industrial sets of tubes from six different melts containing identical amounts of Cr, Ni, Mn and Si plus 0.05-0.5% C, 0.007-0.015% S, 0.012-0.17% P, 0.49-1.0% Nb, 7.4-15.0% Mo established that the metal produced by the electroslag melting method displays the optimal plasticity at elevated temperatures (up to 1250-1275°C). It

Card 1/2 UDC: 621.774:669. 16-194

L 20784-66

ACC NR: AP6004647

2

was furthermore finally established that the Nb content and the Nb/C ratio, within the limits investigated, do no affect plasticity. The lowest plasticity characteristics are displayed by the melts produced from charge materials to which scrap metal had been added, owing to excessive contamination with nonmetallic impurities. The principal type of defects is internal and external cracks at the sites of the pile-ups of nonmetallic inclusions representing stress concentrators. Improvements in rolling technology did not produce the desired results and thus the principal factor affecting the plasticity of EI847 steel is its melting technology. The optimal melting technology, as developed at the Dneprospetsstal' Plant, requires the use of extra-pure fresh charge materials and electroslag melting. Orig. art. has: 4 figures and 3 tables.

SUB CODE: 11, 13/ SUBM DATE: none/ ORIG REF: 003/ OTH REF: 000

Card 2/2

L 20601-66 EWT(m)/EWP(w)/EWA(d)/T/EWP(t)/EWP(k) JD/HW

ACC NR: AP6010136 SOURCE CODE: UR/0133/66/000/003/0248/0250 51

AUTHOR: Rudoy, V. S. (Candidate of technical sciences); Alferova, N. S. (Doctor of technical sciences); Mlinarich, B. A. (Engineer); Bogdanova, T. M. (Engineer); Sadokov, G. M. (Engineer); Mel'nichenko, I. F. (Engineer); Kirvalidze, N. S. (Engineer); Kurilenko, V. Kh. (Engineer); Onishchenko, M. P. (Engineer) 47 B

ORG: none

TITLE: Production of tubes from OKh20N5T stainless steel

SOURCE: Stal', no. 3, 1966, 248-250

TOPIC TAGS: stainless steel, low nickel steel, stainless steel tube, tube rolling, hot rolling / Okh20N5T steel, EP299 steel

ABSTRACT: Technological properties of EP299 (OKh20N5T) stainless steel and the conditions for tube rolling this steel have been studied. The steel, annealed at 1050C for 15 min and air cooled, has a tensile strength of 101 kg/mm^2, a yield strength of 34 kg/mm^2, an elongation of 40.6%, and a reduction of area of 62.1%. Corresponding figures for test temperature at 350C are 52 kg/mm^2, 39.0% and 69.7%. The steel is very sensitive to the cooling rate: slow cooling sharply reduces the elongation and impact strength. The plasticity of EP299 steel does not change in the 1100—1250C range, but increases sharply with further increases in temperature and rapidly increasing content of α-phase. Up to 1250C the plasticity of EP299 steel is much

Card 1/2 UDC: 621.744.35

L 20601-66

ACC NR: AP6010136

16 18 4

lower, but at 1275C and over much higher, than that of Kh18N10T and EI-811 steels. The hot working of EP299 steel must be done at temperatures over 1250C. The steel, however, has a tendency to stick to guide bars. With guide bars made from G18 steel (1.4—1.8% C, 16—19% Mn) and piercing done at 1275—1300C, the tendency to stick was greatly reduced. The mechanical properties and surface quality of hot-rolled and heat-treated EP299 tubes were satisfactory, and the tubes were suitable for cold rolling and cold drawing. Orig. art. has: 2 figures. [AZ]

SUB CODE: 11, 13/ SUBM DATE: none/ ORIG REF: 003/ ATD PRESS: 4225

Card 2/2 BK

L 05647-67 EWT(m)/EWP(t)/ETI/EWP(k) IJP(c) JD/HW
ACC NR: AP6031515 SOURCE CODE: UR/0383/66/000/004/0035/0036

AUTHOR: Rudoy, V. S. (Candidate of technical sciences); Chekmarev, I. A. (Candidate of technical sciences); Sukonnik, I. M.; Geppa, S. A.; Serbin, I. V.; Yermolov, I. V.; Chizh, V. A.; Derbasov, V. I.; Kurilenko, V. Kh.; Kirvalidze, N. S.; Pasternak, N. M.

58

ORG: none

TITLE: Improving the plasticity of Kh18N10T tube steel by vacuum-arc melting

SOURCE: Metallurgicheskaya i gornorudnaya promyshlennost', no. 4, 1966, 35-36

TOPIC TAGS: austenitic steel, plasticity, ~~steel plasticity improvement~~, vacuum arc, [illegible] VACUUM MELTING, METAL TUBE / Kh18N10T STEEL

ABSTRACT: The plasticity of conventionally arc melted and vacuum arc melted Kh18N10T steel was tested by rolling conical specimens in a piercing mill and by torsion tests, both at 1000—1300C. It was found that in piercing, the critical reduction depends primarily upon the α-phase content. Metal with a high α-phase content cannot be easily pierced at a temperature of 1200C or higher regardless of the melting method. The content of impurities and gases is of secondary importance. In torsion tests, plasticity was found to depend mainly upon the metal purity. Inasmuch as vacuum arc melting yields steel of a higher purity, its plasticity is also higher than that of conventionally melted steel. The increase of α-phase con-

UDC: 669.15—194.621.774.35

Card 1/2

0

tent up to a certain limit does not substantially affect the plasticity of Kh18N10T steel, but an increase over this limit lowers the steel plasticity. Orig. art. has: 2 figures. [ND]

SUB CODE: 11,13 / SUBM DATE: none/ ORIG REF: 002/

[illegible], V.S., kand. tekhn. nauk; CHERKASOV, N.K.; NESTEROVA, A.I.,
kand. tekhn. nauk; KIRZALIDYE, N.S.

Improving the quality of pipe of high alloy and low alloy
brand steel. Met. i gornorud. prom. no.4:44-50 Jl-Ag '64.
(MIRA 18:7)

DAVIDKOVICH, A.S., inzh.; TKACHENKO, N.A., inzh.; GEYZENBLAZEN, B.Ye., inzh.; GONCHAROV, Yu.G.; AFANAS'YEV, V.D., inzh.; RUDOY, V.S., inzh.; KONOGRAY, B.Ya., inzh.

Investigating the electroacoustic method of controlling the loading of ball mills. Gor. zhur. no.5:50-51 My '65. (MIRA 18:5)

1. Trest po avtomatizatsii metallurgicheskikh predpriyatiy "Metallurgavtomatika", Dnepropetrovsk (for Davidkovich, Tkachenko Geyzenblazen, Goncharov). 2. Nauchno-issledovatel'skiy gornorudnyy institut (for Afanas'yev, Rudoy, Konogray).

ACCESSION NR: AT4045010 S/0000/64/000/000/0160/0164

AUTHOR: Chizh, V. A.; Rudoy, V. S.; Rulla, N. V.; Chekmarev, I. A.; Fesenko, G. M.; Nesterova, N. N.

TITLE: Quality control of high-alloy austenitic steel ingots by the method of Gamma-defectoscopy

SOURCE: Soveshchaniye po probleme izpol'zovaniye atomnoy energii. Kiev, 1961. Radiatsionnaya avtomatika, izotopy* i yaderny*ye izlucheniya v nauke i tekhnike (Radiation automation control systems; isotopes, and nuclear radiation in science and technology); doklady* soveshchaniya. Kiev, Izd-vo AN UkrSSR, 1964, 160-164

TOPIC TAGS: steel ingot, steel casting, steel forging, high alloy steel, austenitic steel, steel ingot structure, steel ingot defect, ingot defect detection, Gamma defectoscopy

ABSTRACT: Air bubbles, porosities and blow holes are common defects in ingots of high-alloy austenitic steel. Because of the low plasticity of such steel at high temperatures, these defects lead to cracks and porosity and even to complete rupture of the ingot during forging and rolling. In order to facilitate the detection of such defects in steel ingots, the authors tested the method of γ-defectoscopy and compared the results with the behavior of the ingots during forging. Eleven

Card 1/2

ACCESSION NR: AT4045010

Ingots (80 x 270 mm) were examined by transillumination with γ-rays from Co-60, revealing deep bubbles and porosities in nearly all cases. During subsequent forging to a diameter of 40-43 mm (3-5 forgings with a 350-kg pneumatic hammer at 1150-1180C), the 2 ingots with the deepest bubbles broke completely, and several others showed defective behavior, thus confirming the effectiveness and accuracy of the γ-defectoscopic technique. Finally, sections (3 cylindrical and 5 conical) were cut from the ingots and the compressibility was tested. The maximal critical compression (10%) was obtained in a section which was free of defects, showing that the plasticity is decreased by both bubbles and porosity. The authors conclude that quality control by this method will permit establishment of maximal permissible limits for defects in steel ingots, which is of particular importance in the case of ingots intended for pipe manufacture. Orig. art. has: 2 figures and 1 table.

ASSOCIATION: none

SUBMITTED: 07Jan64 ENCL: 00 SUB CODE: MM, IE

NO REF SOV: 000 OTHER: 000

Card 2/2

AKIMOVA, Ye.P.; RUDOY, V.S.; SHEVCHENKO, L.N.; NESTEROVA, N.N.;
Prinimali uchastiye: VASILENKO, S.I.; ZUYEV, I.I.; VIL'YAMS, O.S.,;
LAGUTINA, R.V.; DERGACH, A.Ya.; KITANENKO, V.P.; KIRVALIDZE, N.S.;
YAKIMENKO, N.S.; SAMOYLENKO, V.D.

Effect of the method of manufacturing EI847 steel on the quality of tubes. Stal' 21 no.12:1113-1114 D '61. (MIRA 14:12)

1. Ukrainskiy nauchno-issledovatel'skiy trubnyy institut (for Akimova, Rudoy, Shevchenko, Nesterova). 2. Nikopol'skiy yuzhnotrubnyy zavod (for Vasilenko, Zuyev, Vil'yams, Lagutina, Dergach, Kitanenko, Kirvalidze, Yakimenko, Samoylenko).

(Steel, Stainless—Electrometallurgy)
(Pipe mills—Quality control)

S/793/62/000/000/006/006
A004/A126

AUTHORS: Rudoy, V.S., Candidate of Technical Sciences, Nesterova, N.N., Engineer

TITLE: The characteristic features of piercing on mills with a displaced axis

SOURCE: Teoriya prokatki; materialy konferentsii po teoreticheskim voprosam prokatki. Moscow, Metallurgizdat, 1962, 717 - 720

TEXT: This research work was carried out from 1956 to 1959 by the Candidate of Technical Sciences V.S. Rudoy and Engineers N.N. Nesterova, I.Yu. Korobochkin, N.S. Kirvalidze, A.Ya. Dergach, N.S. Yakimenko and V.D. Samoylenko, and was aimed at studying the possibilities of improving the quality of sleeves and tubes by changing the mill setting, viz. by shifting the rolling axis, while all other rolling parameters were preserved. The tests were carried out on a laboratory-type piercing mill of the UkrNITI and on an industrial type 140 mill. High-alloy steels of the austenite [ЭИ850 (EI850), ЭИ851 (EI851), 45Г17Ю3 (45G17Yu3), 1Х18Н9Т (1Kh18N9T)] and ferrite type [ЭИ853 (EI853)] and carbon

Card 1/2

The characteristic features of piercing on mills S/793/62/000/000/006/006
A004/A126

steels were tested on the laboratory installation, while tubes of the heat-resistant ЭИ 770 (EI770) steel and thick-walled tubes of the grade 20 steel were rolled on the industrial mill. The laboratory tests yielded the following results: 1) The tendency to form hollows in the rolling of tapered specimens without mandrel decreases with an increase in the displacement of the rolling axis. 2) An improvement of the inner surface of the pierced sleeves could not be found with various displacements of the rolling axis in rolling cylindrical specimens on a mandrel. 3) In rolling on mandrels, the pressure on rolls and mandrel grows with an increasing displacement of the axis. 4) The nature of metal flow on the sleeve faces changes. There are 4 figures.

ASSOCIATION: AkrNITI

Card 2/2

S/133/61/000/012/005/006
A054/A127

AUTHORS: Akimova, Ye.P.; Rudoy, V.S.; Shevchenko, L.N.; Nesterova, N.N.

TITLE: The effect of the ЭИ847 (EI847) steel smelting process on the quality of tubes

PERIODICAL: Stal', no. 12, 1961, 1,113 - 1,114

TEXT: During the finishing of hot-rolled EI847 (chrome-nickel-molybdenum-niobium) steel tubes laminations were found in the steel structure. To establish the cause of these defects, the effect of the smelting process on the tube quality, the distribution of nonmetallic inclusions in the billets and the metal ductility were studied. 26 heats were smelted under the following conditions A - in electric arc furnace: reduction with calcium-silicate; B - in electric arc furnace; reduction by means of aluminum; C - in induction furnace; reduction with calcium silicate; D - in induction furnace; reduction with boron calcite; E - in electric arc furnace, with subsequent electro-slag remelting. The content of globular and sulfide inclusions was very low for all heats; the oxide content, however, was rather high: for heats A: 7.5 - 4; for heats B: 7 - 3; for heats C: 6 - 4; for heats D: 3. The best results were obtained

Card 1/3

S/133/61/000/012/005/006
A054/A127

The effect of the ЭИ847 (EI847) steel ....

for heats E, i.e., heats smelted according to the A and B variant and with subsequent electroslag remelting. Indices for oxide-inclusions between 1 and 2.5 were registered for these heats and , besides oxide inclusions, no other impurities were observed. The steel ductility was tested by its piercing properties and by hot torsion at 1,000 - 1,275°C. Also these properties were found to be better for steels smelted in arc furnaces and subjected to electroslag remelting. The ductility of the steel produced by electroslag remelting increases continuously at rising temperatures, whereas in steels produced in arc furnaces without electroslag remelting it drops above 1,250°C. The formation of film on tubes made of steels remelted by the electroslag process was prevented and laminations with knurled edges and dark base (2 - 3 mm in length), often found in conventional tubes, were not observed either in tubes manufactured by the new process. As regards the consumption coefficients the same rules were found as for the above-mentioned parameters: the consumption coefficient for heats A' is 17, for heats A" and B: 1.9 - 3.1, for C - D: 2.0 - 2.5, for steel remelted with electroslag E: not more than 1.6 - 2.0. The tests were carried out in cooperation with S.I. Vasilenko, I.I. Zuyev, O.S. Vil'yams, R.V. Lagutina, A.Ya. Dergach, V.P. Kitanenko, N.S. Kirvalidze, N.S. Yakimenko, V.D. Samoylenko [Nikopol'skiy yuzhnotrubnyy zavod (Nikopol' Yuzhnotrubnyy Plant)];

Card 2/3

S/137/62/000/004/071/201
A052/A101

AUTHORS: Chekmarev, A. P., Rudoy, V. S., Chernyavskiy, A. A.

TITLE: Deformation seat parameters at hot pilger pipe rolling

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 4, 1962, 37, abstract 4D212 (V sb. "Proiz-vo trub". Khar'kov, Metallurgizdat, no. 5, 1961, 43-58)

TEXT: The available investigations of the deformation seat geometry are not sufficient for calculating optimum technological and energy conditions of the pilger mill operation. To determine the basic deformation seat parameters (angle of grip, entering height and length of deformation seat), an analytical and a graphoanalytical method are suggested. For both methods some assumptions are made. To check the suggested methods tests were carried out on a laboratory pilger mill; the results of the tests are given. The results of the investigations have shown that the angles of grip determined by both methods differ from the true values by 8 - 13%, and the contact areas by 5 - 8%.

A. Leont'yev

[Abstracter's note: Complete translation]

Card 1/1

S/137/61/000/006/046/092
A005/A101

AUTHORS: Chekmarev, A.P., Rudcy, V.S., Chernyavskiy, A.A.

TITLE: Forward flow of metal during rolling on a pilger mill

PERIODICAL: Referativnyy zhurnal. Metallurgiya, no. 6, 1961, 36, abstract 6D290 ("Tr. Ukr. n.-i. trubn. in-ta", 1959, no. 1, 96 - 105)

TEXT: Forward flow during the rolling of 273 mm diameter pipes on a 6 -12" pilger mill was determined from imprints left on the pipe and the pilger mill head by apertures drilled in the rolls. The apertures of 10 mm diameter and 5 - 7 mm depth were drilled on every 15° (starting from the groove rims) over the width, and on every 10° (from the beginning of the top) over the length of the roll groove. It was established that the forward flow along the top of rolls during rolling on a pilger mill was considerably higher than in longitudinal rolling of pipes or compact sections in round grooves. The dependences of the coefficient of forward flow on the turning angle of the rolls show that the forward flow attains its highest value within 10° - 20° from the beginning of the top, and then decreases. At the beginning of the top near the rims lagging was observed. The width of this zone near the roll rims extends up to 45° over the

Card 1/2

S/137/61/000/007/041/072
A060/A101

AUTHORS: Chekmarev, A. P.; Rudoy, V. S.

TITLE: The contact surface and the separating force on rolls during pilger rolling

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 7, 1961, 36, abstract 7D288 ("Nauchn. Tr. Dnepropetr. metallurg. in-t.", 1960, no. 39, 53-72)

TEXT: A method is set forth and formulae are given for determining the dimensions of the instantaneous strain seat under pilger rolling. In the course of pilger rolling of pipes with diameter 219 - 325 mm the metal pressure upon the rolls was measured by a 500-ton wire dynamometer. An empirical formula is derived for determining the maximum values of the mean specific metal pressure upon the roll as a function of end temperature of the pilger rolling, the feed magnitude and thickness of the pipe wall. On the basis of this formula and a relationship for the area of the horizontal projection of the strain seat, the calculation of the total metal pressure upon the rolls is carried out.

V. Pospekhov

[Abstracter's note: Complete translation]

Card 1/1

24572

S/137/61/000/005/025/060
A006/A106

11300

AUTHORS: Shevchenko, A.A., Rudoy, V.S., Chernyavskiy, A.A.

TITLE: Production of pipes of variable section on a pilger mill

PERIODICAL: Referativnyy zhurnal. Metallurgiya, no.5, 1961, 29, abstract 5D267 ("Byul. nauchno-tekhn. inform. Ukr. n.-i. trubn. in-t", 1959, no. 6 - 7, 21 - 28)

TEXT: Pipes of variable section were rolled from sleeves produced on a piercing mill and from a pipe blank prerolled on a pilger mill on special shaped mandrels. It is concluded that pilger mills can be used to produce large diameter pipes with walls thickened at the ends and shaped over the length; the ratio of the wall thickness in the thickened portion to the basic section is up to 2 - 3; the length of the thickened portion is limited by the weight of the ingot. The mechanical properties of the pipe remain approximately constant over the whole length of the pipe. This is connected with the absence of curvature and bending of the metal threads. Metal folds, formed during rolling on the transition spots

Card 1/2

24572

S/137/61/000/005/025/060

Production of pipes of variable section on a pilger mill A006/A106

of the thickened wall to the basic pipe section do not reduce the mechanical properties of the pipe and may be easily eliminated by internal boring.

Yu. M.

[Abstracter's note: Complete translation]

Card 2/2

S/137/61/000/002/041/046
A006/A001

Translation from: Referativnyy zhurnal, Metallurgiya, 1961, No. 2, p. 16 # 2I125

AUTHORS: Shevchenko, A.A., Alferova, N. S., Rudoy, V. S., Kutsenko, G. F., Nesterova, N. N., Konovalov, V. P.

TITLE: Properties and Structure of High-Manganese Austenite 45Г17Ю3 (45G17Yu3) Steel

PERIODICAL: "Byul. nauchn. tekhn. inform. Ukr. n.-i. trubn. in-t". 1959, No. 8, pp. 17-26

TEXT: The authors investigated the ductile properties of 45G17Yu3 steel composed of (in %): C 0.4 - 0.5; Mn 16 - 18; Al 3.5 Si $\leq$ 0.6. It was found that the 45G17Yu3 steel was characterized by a sharply pronounced microchemical heterogeneity. The temperature of the beginning fusion of metal grains of the blank was 1300 - 1350°C (depending on the method of manufacture). Optimum ductility of 45G17Yu3 steel for hot deformation conditions in diagonal rolling mills corresponds to a temperature of 1200°C. The metal of the investigated 45G17Yu3 steel melts shows highly heterogeneous properties. Ductile properties of the blanks from different plants, melts and of bars from the same ingot are highly

Card 1/2

S/137/61/000/002/041/046
A006/A001

Properties and Structure of High-Manganese Austenite 45 17 3 (45G17Yu3) Steel

different. High ductile properties of the metal produced by melt No. 92344 at the Izhorsk Plant ($\sigma_{\text{в}}$ 58.4 kg/cm^2, σ_s 27.6 kg/mm^2, δ 30.7%, ψ 35% a_c 18.5 kg/cm^2, H_B 162) prove the possibility of improving the properties of the pipe blank of 45G17Yu3 steel.

T. R.

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

CHEKMAREV, A.P., akademik; RUDOY, V.S., kand.tekhn.nauk

Contact surface and pressure on the rolls in Pilgrim rolling. (MIRA 13:10)
Nauch. trudy DMI no.39:53-72 '60.

1. AN USSR (for Chekmarev). 2. Institut chernoy metallurgii AN USSR i Vsesoyuznyy nauchno-issledovatel'skiy trubnyy institut.
(Rolling mills)

RUDOY, Ya.K., inzh.

Let us promote a new development of industrial efficiency.
Mashinostroitel' no.1:31 Ja '60. (MIRA 13:4)
(Efficiency, Industrial)

KOROTKOV, B.A., inzh.; RUDOY, Ya.L., inzh.

Centrifuged reinforced concrete supports. Stroi. truboprov. 6 no.6: 25-26 Je '61. (MIRA 14:7)

1. Trest Benzinoprovodstroy, g. Chleyabinsk.
(Petroleum-pipe lines)
(Reinforced concrete)

KOROTKOV, B.A., inzh.; RUDOY, Ya.P., inzh.

Economic efficiency of combining insulation and laying operations. Stroi. truboprov. 6 no.9:22 S '61. (MIRA 14:9)

1. Trest Benzinoprovodstroy, g. Chelyabinsk.
(Gas, Natural--Pipelines)

RUDOY, YE.F.

BARANOV, A.F., redaktor; RUDOY, E.F., redaktor; SOLOGUBOV, V.N., kandidat tekhnicheskikh nauk, otvetstvennyy redaktor toma; ALBEGOV, N.A., kandidat tekhnicheskikh nauk; VASIL'YEV, B.K., inzhener; VERSHINSKIY, S.V., kandidat tekhnicheskikh nauk; VINOGRADOV, G.P., kandidat tekhnicheskikh nauk; VINOKUROV, M.V., professor, doktor tekhnicheskikh nauk; GOLOVANOV, V.G., kandidat tekhnicheskikh nauk; GORDEYEV, A.S., dotsent, kandidat tekhnicheskikh nauk; GURSKIY,P.A., dotsent, kandidat tekhnicheskikh nauk; GUREVICH, A.N., kandidat tekhnicheskikh nauk; DOMBROVSKIY, A.B., dotsent; YEGORCHENKO, V.F., professor, doktor tekhnicheskikh nauk: IVANOV, V.N., professor, doktor tekhnicheskikh nauk; KARVATSKIY, B.L., professor, doktor tekhnicheskikh nauk; KOROLEV,K.P. professor, doktor tekhnicheskikh nauk; MUCHKIN, I.N., kandidat tekhnicheskikh nauk;POPOV, G.V.,inzhener; PROSKURNEV, P.G. inzhener;SAFONTSEV, K.A., izhener: SEMICHASTNOV, I.F.dotsent, kandidat tekhnicheskikh nauk; SLOMYANSKIY, A.V., dotsent, kandidat tekhnicheskikh nauk; STEPANOV, A.D., dotsent, kandidat tekhnicheskikh nauk; SYROMYATNIKOV, S.P., akademik[deceased]; TERNOVSKIY,V.A.,dotsent; kandidat tekhnicheskikh nauk; TRUBETSKOY, V.A., kandidat tekhnicheskikh nauk, KHOKHLOV, N.F., kandidat tekhnicheskikh nauk; SHARONIN, V.S., kandidat tekhnicheskikh nauk; SHLYKOV, Yu.P.,dotsent, kandidat tekhnicheskikh nauk; YEVTUSHENKO, A.M. kandidat tekhnicheskikh nauk, retsenzent; IVANOV, V.N.,professor, doktor tekhnicheskikh nauk, retsenzent; PANOV, N.I., dotsent, kandidat tekhnicheskikh nauk, retsenzent; SLOMYANSKIY, A.V., dotsent, kandidat tekhnicheskikh nauk, retsenzent; UTYANSKIY, L.I., inzhener, retsenzent; NETYKSA, V.M., professor, doktor tekhnicheskikh nauk, retsenzent;

(Continued on next card)

BARANOV, A.F., -- (Continued) Card 2.

TOPORNIN, G.S., inzhener, retsenzent; DOMBROVSKIY, A.B., dotsent; retsenzent; POYDO, A.A., kandidat tekhnicheskikh nauk, retsenzent; YAKOBSON, P.Ye., laureat Stalinskoy premii; dotsent; kandidat tekhnicheskikh nauk, retsenzent; POPOV. A.A., professor, doktor tekhnicheskikh nauk, retsenzent; PROSKURNEV, P.G., inzhener, retsenzent; SAFONTSEV, K.A , inzhener, retsenzent; SERAFIMOVICH, V.S., kandidat tekhnicheskikh nauk; retsenzent; TRAVIN, P.I., inzhener, retsenzent; FOKIN, K.F., kandidat tekhnicheskikh nauk, retsenzent; SHCHERBAKOV, V.P., inzhener, retsenzent; SHADUR, L.A., dotsent; kandidat tekhnicheskikh nauk,retsenzent; TIKHONOV, P.S., inzhener retsenzent; TKACHENKO, F.D., inzhener; retsenzent; BABICHKOV, A.M. professor, doktor tekhnicheskikh nauk, retsenzent; KOROSTYLEV, A.I. inzhener, retsenzent; LEVITSKIY, V.S., dotsent; kandidat tekhnicheskikh nauk, retsenzent; KLYKOV, A.F., inzhener, retsenzent; SOLOGUBOV, V.N. redaktor; SHISHKIN, K.A., redaktor; SLOMYANSKIY, A.V. redaktor; SALENKO, S.V., redaktor; YUDZON, D.M. tekhnicheskiy redaktor.

[Technical reference book for railroad men] Tekhnicheskii spravochnik zheleznodorozhnika. Redaktsionnaia kollegiia: A. F. Baranov, i dr. Glav.redaktor. E. F. Rudoi. Moskva, Gos.transp.zhel-dor.izd-vo. Vol. 6 [Rolling stock] Podvizhnoi sostav. 1952. 955 p. (MLRA 8:9)
(Railroads--Rolling-stock)

RUDOY, Ye.F.

BARANOV, A.F., redaktor; BIZYUKIN, D.D., redaktor; VAKHNIN, M.I., otvetstvennyy redaktor toma, professor, doktor tekhnicheskikh nauk; VEDENISOV, B.N., redaktor; IVLIYEV, I.V., redaktor; MOSHCHUK, I.D., redaktor; RUDOY, Ye.F., glavnyy redaktor; SOKOLINSKIY, Ya.I., redaktor; SOLOGUBOV, V.N., redaktor; SHILEVSKIY, V.A., redaktor; ALFEROV, A.A., inzhener; ANASHKIN, B.T., inzhener; AFANAS'YEV, Ye.V., laureat Stalinskoy premii, inzhener; BELENKO, K.M., dotsent; BORISOV, D.P., dotsent, kandidat tekhnicheskikh nauk; ZHIL'TSOV, P.N., inzhener; ZBAR, N.R., inzhener; IL'YENKOV, V.I., dotsent, kandidat tekhnicheskikh nauk; KAZAKOV, A.A., kandidat tekhnicheskikh nauk; KRAYZMER, L.P., kandidat tekhnicheskikh nauk; KOTLYARENKO, N.F., dotsent, kandidat tekhnicheskikh nauk; MAYSHEV, P.V., professor, kandidat tekhnicheskikh nauk; MARKOV, M.V., inzhener; NELEPETS, V.S., dotsent, kandidat tekhnicheskikh nauk; NOVIKOV, V.A., dotsent; ORLOV, N.A., inzhener; PETROV, I.I., kandidat tekhnicheskikh nauk; PIVKO, G.M., inzhener; POGODIN, A.M., inzhener; RAMLAU, P.N., dotsent, kandidat tekhnicheskikh nauk; ROGINSKIY, V.N., kandidat tekhnicheskikh nauk; RYAZANTSEV, B.S., laureat Stalinskoy premii, dotsent, kandidat tekhnicheskikh nauk; SNARSKIY, A.A., inzhener; FEL'DMAN, A.B., inzhener; SHASTIN, V.A., laureat Stalinskoy premii, inzhener; SHUR, B.I., inzhener; GONCHUKOV, V.I., inzhener, retsenzent; NOVIKOV, V.A., dotsent, retsenzent; AFANAS'YEV, Ye.V., laureat Stalinskoy premii, retsenzent;

[Technical handbook for railroad men] Tekhnicheskii spravochnik zheleznodorozhnika. Vol. 8. [Signaling, central control, block system, and communication] Signalizatsiia, tsentralizatsiia, blokirovka, sviaz'. Red. kollegiia A.F.Baranov [i dr.] Glav.red. E.F.Rudoi. Moskva, Gos. transp. zhel-dor. izd-vo, 1952. 975 p. (Continued on next card)

BRYLEYEV, A.M., laureat Stalinskoy premii, inzhener; GAMBURG, Ye.Yu., inzhener, retsenzent; GOLOVKIN, M.K., inzhener, retsenzent; KAZAKOV, A.A., kandidat tekhnicheskikh nauk, retsenzent; KUT'IN, I.M., dotsent, kandidat tekhnicheskikh nauk, retsenzent; LEONOV, A.A., inzhener, retsenzent; SEMENOV, N.M., laureat Stalinskoy premii, inzhener, retsenzent; CHERNYSHEV, V.B., inzhener, retsenzent; VALUYEV, G.A., inzhener, retsenzent; METTAS, N.A., laureat Stalinskoy premii, inzhener, retsenzent; NOVIKOV, V.A., dotsent, retsenzent; PIVOVAROV, A.L., inzhener, retsenzent; POGODIN, A.M., inzhener, retsenzent; KHODOROV, L.R., inzhener, retsenzent; PIVOVAROV, A.L., inzhener, retsenzent; POGODIN, A.M., inzhener, retsenzent; KHODOROV, L.R., inzhener, retsenzent; SHUPLOV, V.I., kandidat tekhnicheskikh nauk, retsenzent; KLYKOV, A.F., inzhener, retsenzent; YUDZON, D.M., tekhnicheskiy redaktor; VERINA, G.P., tekhnicheskiy redaktor.

[Technical handbook for railroad men] Tekhnicheskii spravochnik zheleznodorozhnika. Vol. 8. [Signaling, central control, block system, and communication] Signalizatsiia, tsentralizatsiia, blokirovka, sviaz'. Red. kollegiia A.F.Baranov [i dr.] Glav.red. E.F.Rudoi. Moskva, Gos. transp. zhel-dor. izd-vo, 1952. 975 p. (Card 2) (MLRA 8:2)
(Railroads--Signaling) (Railroads--Communication systems)

RUDOY, Ye.F., redaktor; KOROLEV, K.P., professor, doktor tekhnicheskikh nauk, redaktor; YUDZON, D.M., tekhnicheskiy redaktor

[Railroad engineer's reference manual] Tekhnicheskii spravochnik zheleznodorozhnika. Glav.red.E.F.Rudoi. Moskva, Gos.transp.zheldor.izd-vo. Vol.7. [Locomotive and railroad car economy] Lokomotivnoe i vagonnoe khoziaistvo. Otv.red.toma K.P.Korolev. 1953. 567 p. (MLRA 9:2)

(Locomotives) (Railroads--Cars)

RUDOY, Yevgeniy Fedorovich; LAZARENKO, Timofey Illarionovich; MAKSIMOV, I.S., red.; PONOMAREVA, A.A., tekhn.red.

[Expansion of transportation and communications in the U.S.S.R. during the period from 1950 to 1965] Razvitie transporta i sviazi v SSSR, 1959-1965. Moskva, Gosplanizdat, 1960. 115 p. (MIRA 13:5)

(Communication and traffic)

RUDOY, Ye.F.; KUCHKO, A.P.

Electrification of railroads during 1962. Elek.i tepl.tiaga 6 no.1: 1-4 Ja '62. (MIRA 15:1)

1. Nachal'nik otdela transporta Gosplana SSSR (for Rudoy).
2. Nachal'nik podotdela zheleznodorozhnogo transporta Gosplana SSSR (for Kuchko).

(Railroads--Electrification)

RUDOY, YE. I.

AUTHORS: Rykova, A.V., Candidate of Technical Sciences and Rudoy, Ye.I.

129 - 8 - 9/16

TITLE: Producing zinc coatings in zinc-phosphate electrolytes. (Polucheniye tsinkovykh pokrytiy iz tsinkofosfatnykh elektrolitov).

PERIODICAL: "Metallovedeniye i Obrabotka Metallov" (Metallurgy and Metal Treatment), 1957, No.8, pp.33-37 (U.S.S.R.)

ABSTRACT: The authors studied the possibility of obtaining zinc coatings by means of acidic and alkaline zinc phosphate electrolytes. The authors used 5 litres of electrolyte; lead plates of 80 x 30 x 2 mm were used as anodes and steel plates 75 x 25 x 1 mm were used as cathodes. The steel plates used as cathodes were subjected to various surface treatments, namely, sand blasting, grinding and polishing. The electrolytes were produced from chemically pure and pure reagents, which are normally intended for analysis; the temperature of the electrolyte in all the experiments was 20 to 22 C. Three acidic baths and one alkaline bath were tested. It was established that it is possible to obtain zinc deposits containing phosphorus from acidic electrolytes in the case of stirring and from alkaline electrolytes without stirring. The thickness of the obtained zinc

Card 1/2

RUDOY, Ye. S., ALEKSANDRUVA, F.I., MAKSIMCHUK, . . .

22041 Rudoy, Ye. S., Aleksandruva, F.I., Maksimchuk, M.P. Dal'neysheye islytaniye terapevticheskogo deystuiya muskulena pri legochnom tubeskuleze. Uchen. Zapiski Nauchisslea in-ta tuberkuleza v Odesse, ch. 2, 1948, s 9-21

O: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949.

S/181/[illegible]/002/023/051
B104/[illegible]

24,447

AUTHOR: Rudoy, Yu. G.

TITLE: Temperature dependence of the magnetization intensity of a uniaxial antiferromagnetic

PERIODICAL: Fizika tverdogo tela, v. 5, no. 2, 1963, 534-541

TEXT: A simple ferromagnetic is modelled by two ferromagnetic sublattices with different preferred spin orientations. The Hamiltonian of this system which is placed in an external magnetic field has the form $\mathcal{H} - \mathcal{H}_{spin} + \mathcal{H}_{field}$. The $\mathcal{H}_{spin}$ is expanded according to N. N. Bogolyubov and S. V. Tyablikov (ZhETF, 19, 251, 1946) and the $\mathcal{H}_{field}$ according to the Heisenberg theory of ferromagnetism, leading to

$$\mathcal{H} = -\frac{1}{2}\sum_{f,g} J(f,g)(S_f S_g) - \frac{1}{2}\sum_{f,g} \delta J(f,g) S_f^z S_g^z - \mu_0 H^z\left(\sum_f S_f^z + \sum_g S_g^z\right). \qquad (1)$$

Card 1/3

S/181/63/005/002/023/051
B104/B102

Temperature dependence of the ...

Here S_i are the vector spin operators of the electrons, $i=f,g$, the lattice sites; $J(f,g)$ is the exchange integral, β is Bohr's magneton. The ground state E_o of the antiferromagnetic and the spectrum E_ν of the spin waves are calculated in second-quantization approximation according to S. V. Tyablikov (FMM, 2, 193, 1956). The anisotropy is taken into account by introducing a phenomenological magnetic field. The anisotropy of the magnetic properties of the crystals thus follows automatically from the anisotropy tensor of the exchange interaction. This makes it possible to determine the temperature dependence of the magnetization intensity more accurately. The temperature dependence of the magnetization intensity in external fields, parallel and perpendicular to the axis of anisotropy, is calculated for weak, medium, and strong magnetic fields. The temperature dependence of the magnetization intensity is exponential in all cases: for lower temperatures the exponent is half-integral, which corresponds to $E_\nu \sim \nu^2$; at higher temperatures the exponent is even which corresponds to $E_\nu \sim \nu$.

Card 2/3

a, m L 9793-66

ACC NR: AP5028539 SOURCE CODE: UR/0286/65/000/020/0140/0140

AUTHORS: Garber, V. M.; Kerbaliyev, A. I.; Kozak, M. M.; Matskin, L. A.; Petrov, V. P.; Rudoy, Yu. M.; Sil'verstrov, V. T.

39

B

ORG: none

TITLE: Automatic machine for packaging liquid products in cans with inserted or rolled lids. Class 81, No. 175867

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 20, 1965, 140

TOPIC TAGS: automation, storage device, lubricant

ABSTRACT: This Author Certificate presents an automatic machine for packaging liquid products in cans with inserted or rolled lids (for example, oils and lubricants), consisting of mechanisms for transporting and transferring cans, metering and filling of cans, interlocking and automation of the operations. To improve production, decrease working area, and eliminate individual drives for each automated transporting or synchronizing device, the machine is constructed as a single unit (see Fig. 1) with provisions for rolling or inserting lids from a lid bin, a labelling device with label magazine, and a common automated drive.

Card 1/2 UDC: 621.798.37 621.398.4 621.798.6

L 9793-66

ACC NR: AP5028539

0

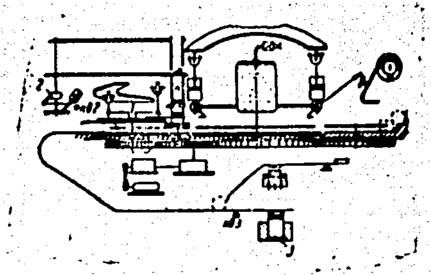

Fig. 1. 1 - Device for rolling or inserting lids; 2 - magazine; 3 - labelling device.

Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 19Mar62/

BC

Card 2/2

KLEPIKOV, N.P.; ROKITYANSKIY, V.R.; RUDOY, Yu.G.; SAYEVSKIY, F.V.;
FEDOROV, V.V.; YUDIN, V.A.

Threshold singularities in the total cross section of pion scattering by protons. Zhur.eksp.i teor.fiz. 41 no.3:937-938 S '61. (MIRA 14:10)

1. Institut yadernoy fiziki Moskovskogo gosudarstvennogo universiteta.
(Mesons--Scattering) (Protons)

RUDOY, Yu.G.

Temperature dependence of the magnetization intensity of a uniaxial antiferromagnet. Fiz. tver. tela 5 no.2:534-541 F '63.
(MIRA 16:5)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.
(Magnetization)

RUDOY, Z. Kh. and GOROKHOV, P. D.

"The Organization and Implementation of Bacteriological Measures for the Preventive Treatment of Intestinal Diseases Among the Troops".

Voyenno Meditsinskiy Zhurnal, No. 4, 1962

GOROKHOV, P.D., podpolkovnik meditsinskoy sluzhby; RUDOY, Z.Kh.,
podpolkovnik meditsinskoy sluzhby

Use of fluorescing antibodies in the diagnosis of dysentery. Voen.-med.zhur. no.9:59-60 S '61. (MIRA 15:10)
(DYSENTERY--DIAGNOSIS) (ANTIGENS AND ANTIBODIES)

RUDOY-KOLKER, V.; SARDARYAN, R.

Rectification of raw vinyl acetate. Prom.Arm. 5 no.11:54-57 N '62. (MIRA 15:12)

1. Armniikhimproyekt.
(Armenia—Vinyl acetate)
(Distillation)

RUDOY-DULKER, V.M.; GRIGORYAN, Kh.A.

Liquid - vapor equilibrium in the system acetaldehyde - acetic acid - vinyl acetate in a vinyl acetate raw material. Zhur. prikl. khim. 37 no.8:1843-1845 Ag '64.

(MIRA 17:11)

RUDOY-KOLKER, V.M.; GRIGORYAN, Kh.A.

Specific gravity and viscosity of the ternary system acetaldehyde - acetic acid - vinyl acetate in raw vinyl acetate at temperatures 20 - 55°C. Zhur.prikl.khim. 37 no.7:1622-1623 Jl '64.

(MIRA 18:4)

1. Kirovakanskiy nauchno-issledovatel'skiy i proyektnyy institut khimii Soveta narodnogo khozyaystva Armyanskoy SSR.

RUDOYSKATEL, V.V.

✓ 2950. URALMASHZAVOD EXCAVATORS FOR MINING OPERATIONS. Satovskii, B.I. and Rudoiskatel, V.V. (Gorn. Zh. (Min. J., Moscow), Nov. 1955, 29-35). Illustrated descriptions and characteristics are given for track-mounted shovels up to 15 cu. m and walking draglines up to 20 cu. m, from the Uralmashzavod factory.

FV

①

SHLEYFER, Z.L., podpolkovnik meditsinskoy sluzhby; RUDSHTEYN, A.S., mayor meditsinskoy sluzhby

Observations of changes inarterial pressure and leucocytosis in tank troops. Voen.-med. zhur. no.9:28-31 S '55. (MIRA 9:9)
(LEUCOCYTOSIS) (BLOOD PRESSURE)

RUDREYKO, Ye.A.

Two little known works of J. Stoney. Trudy Inst.ist.est.i tekh. 17:493-497 '57. (MIRA 10:7)

(Stoney, Johnstone, 1826-1911) (Physics)

RUDSHTEYN, M.L.

YERMOLOV, B.P.; KUTUZOV, M.N.; MURAVIN, M.M.; SAYENKO, D.V., TROITSKIY, B.V.;
ZAKATOV, P.S., professor, doktor tekhnicheskikh nauk, redaktor;
RUDSHTEYN, M.L., redaktor; KUZ'MIN, G.M., tekhnicheskiy redaktor
[redacted]

[Geodesy] Geodeziia. Pod obshchei redaktsiei professora doktora tekhnicheskikh nauk P.S.Zakatova. Moskva, Izd-vo geodezicheskoi lit-ry. Pt.2. 1954. 283 p. [Microfilm] (MLRA 8:3)
(Geodesy)

RUDSHTEYN, M.L.-

YERMOLOV, Boris Pavlovich; ZAKATOV, Petr Sergeyevich; KUTUZOV, Mikhail Nikiforovich; MURAVIN, Mark Mikhaylovich; SAYENKO, Dmitriy Vasil'yevich; TROITSKIY, Boris Vladimirovich; RUDSHTEYN, M.L., redaktor; POVALYAYEV, P.I., redaktor; KUZ'MIN, G.M., tekhnicheskiy redaktor

[Geodesy] Geodeziia. Pod obshchei red. P.S.Zakatova. Moskva, Izd-vo geodezicheskoi lit-ry. Pt. 1. 1954. 519 p. (MLRA 8:7)
(Geodesy)

RUDSHTEYN, M.L.; SHISHKIN, V.N., redakter; INOZEMTSEVA, A.N., redakter;
KUZ'MIN, G.M., tekhnicheskiy redakter.

[Six-digit tables of trigonometrical functions] Shestiznachnye tablitsy trigonometricheskikh funktsii. Moskva, Izd-vo geodezicheskoi lit-ry, 1955. 167 p. (MIRA 9:5)

1.Russia (1923- U.S.S.R.)Glavnoye upravleniye geodezii i kartografii.
(Trigonometrical functions--Tables, etc)

RUDSHTEYN, M.L.; KUZ'MIN, G.M., tekhnicheskiy redaktor.

[Coordinate increment tables] Tablitsy prirashchenii kordinat. 2-e izd. Moskva, Izd-vo geodezicheskoi lit-ry, 1955. 95 p. (MLRA 8:8)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye geodezii i kartografii.
(Coordinates)

KOLUPAYEV, A.P.; KUTUZOV, M.N.; MURAVIN, M.M.; SAYENKO, D.V.; RUDSHTEYN, M.L., red.; INOZEMTSEVA, A.I., red.izd-va; ROMANOVA, V.V., tekhn.red.

[Geodesy] Geodeziia. Moskva, Izd-vo geodez.lit-ry. Pt.2. 1958. 402 p. (MIRA 12:8)

(Geodesy)

3(4) PHASE I BOOK EXPLOITATION SOV/1657

USSR. Glavnoye upravleniye geodezii i kartografii.

Tablitsy prirashcheniy koordinat (Tables of Plane Coordinate Increments and Others) 3d ed., enl. Moscow, Geodezizdat, 1958. 156 p. 15,000 copies printed.

Additional Sponsoring Agency: USSR. Ministerstvo vnutrennykh del.

Tech. Ed.: V.V. Romanova

PURPOSE: This book is intended for surveyors and computers of survey work.

COVERAGE: The most important part of this book is Table I, compiled by M.L. Rudshteyn, which lists pre-computed plane coordinate increments (x and y) using as arguments the bearing angle to degrees and minutes and the distance in units of 10 from 10 to 90. Interpolation tables for tenths and hundredths of meters distance and tenths of minutes of bearing are provided alongside the main tables. These tables, originally published by F. Gauss, were revised by Professor A.S. Chebotarev to suit Soviet needs. Table II is a special table used to check the results of computations of Table I.

Card 1/ 2